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Abstract

Method and apparatus for coating a product, in particular a high-temperature component of a gas turbine

The invention relates to a method of coating a product (12) with a metallic coating (13), in particular a high-temperature component of a gas turbine, in a vacuum plant (1). Furthermore, the invention relates to an apparatus for coating a product (12) with a metallic coating (13) in a vacuum plant (1), having a coating chamber (3) and a postheat treatment chamber (5). Novel process control with regard to the temperature profile is described, in which process control, in particular after the application of the metallic coating (13) to the product (12) and before the postheat treatment, a minimum temperature ( $T_{\min}$ ) is ensured at all times, this minimum temperature ( $T_{\min}$ ) being higher than room temperature ( $T_R$ )

Fig. 3